

University of Groningen

Sediments and functional traits

Leite Gusmao Junior, Joao Bosco

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2017

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Leite Gusmao Junior, J. B. (2017). *Sediments and functional traits: Applying a functional trait approach to assess marine macrobenthic function*. [Thesis fully internal (DIV), University of Groningen]. Rijksuniversiteit Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

ABOUT THE AUTHOR



Joao B. Gusmao was born in São Paulo, Brazil on May 20, 1986. He finished his bachelor in Marine Biology and Coastal Management in 2010 at São Paulo State University. In 2011 he moved to Pontal do Paraná, Brazil to start a master's degree in Coastal and Oceanic Systems at the Federal University of Paraná (UFPR). After concluding the master's degree on the beginning of 2013, he started a PhD in the same institution on April 1, 2013. In 2015, Joao was enrolled as a PhD student at the University of Groningen (RUG), the Netherlands, as established by a double degree agreement signed by UFPR and RUG. During his PhD, Joao developed field surveys and mesocosm experiments to test specific ecological hypotheses regarding benthic macroinvertebrates. This gave him a strong background on benthic ecology, data analysis, and experimental design. His main research interests include experimental ecology, macroinvertebrate biology, and functional ecology.

List of publications

- Blanco, C. G., **J. B. L. Gusmao-Junior**, R. A. Christofolletti, and T. M. Costa. 2011. Hydrodynamism and its influence on the density of the decorator crab *Microphrys bicornutus* (Mithracidae) on intertidal rocky shores from a subtropical region. *Marine Biology Research* 7:727–731.
- Gusmao-Junior, J. B. L.**, G. B. O. Machado, and T. M. Costa. 2012. Burrows with chimneys of the fiddler crab *Uca thayeri*: construction, occurrence, and function. *Zoological Studies* 51:598–605.
- Machado, G. B. O., **J. B. L. Gusmao-Junior**, and T. M. Costa. 2013. Burrow morphology of *Uca uruguayensis* and *Uca leptodactylus* (Decapoda: Ocypodidae) from a subtropical mangrove forest in the western Atlantic. *Integrative Zoology* 8:307–314.
- Gusmao-Junior, J. B. L.**, and P. C. Lana. 2015. Spatial variability of the infauna adjacent to intertidal rocky shores in a subtropical estuary. *Hydrobiologia* 743:53–64.
- Gusmao, J. B.**, K. M. Brauko, B. K. Eriksson, and P. C. Lana. 2016. Functional diversity of macrobenthic assemblages decreases in response to sewage discharges. *Ecological Indicators* 66:65–75.
- Engel, F. G., J. Alegria, R. Andriana, S. Donadi, **J. B. Gusmao**, M. A. van Leeuwe, B. Matthiessen, B. K. Eriksson. (submitted) Mussel beds are biological power stations on intertidal flats.